

General Offices/3M

3M Center
St. Paul, Minnesota 55144-1000
(612) 733-1110

REC'D AUG 21 1987

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**MATERIAL SAFETY
DATA SHEET****3M**

DIVISION: ADHESIVES, COATINGS AND SEALERS
TRADE NAME: SCOTCH-SEAL(R) Clear Sealant 1103
3M I.D. NUMBER: 62-1103-2631-1 62-1103-7530-0 62-1103-8530-9
62-1103-9530-8
ISSUED: JUNE 30, 1987
SUPERSEDES: NOVEMBER 1, 1985
DOCUMENT: 10-3121-0

1. INGREDIENTS		C.A.S. NO.	PERCENT	EXPOSURE LIMITS	
VM P vapha		8032-32-4	44.0	300 ppm	1
toluene		108-88-3	11.0	100 ppm	1
acrylic resin		N/A	45.0	N/D	5

SOURCE OF EXPOSURE LIMIT DATA:

1. ACGIH Threshold Limit Values
2. Federal OSHA Permissible Exposure Limit
3. 3M Exposure Guidelines
4. Chemical Manufacturer Recommended Guidelines
5. None Established

ABBREVIATIONS:

N/D - Not Determined
N/A - Not Applicable

2. PHYSICAL DATA	
BOILING POINT:	232F (toluene)
VAPOR PRESSURE:	268F 25.19 mm
VAPOR DENSITY (Air=1):	3.0
EVAPORATION RATE (Ether=1):	2.5
APPEARANCE AND ODOR:	Clear low viscosity liquid - solvent odor
SOLUBILITY IN WATER:	Very slight
SP. GRAVITY (Water=1):	.86
PERCENT VOLATILE:	55
VISCOSITY:	6,600 CPS
pH:	N/A

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3. FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT (SETAFLASH): 40F
FLAMMABLE LIMITS - LEL: 1.0 UEL: 7.0

EXTINGUISHING MEDIA:

CO2, foam, dry chemicals

SPECIAL FIRE FIGHTING PROCEDURES:

Fire fighters should be equipped with self-contained breathing apparatus when fighting fires involving this material.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None

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4. REACTIVITY DATA

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STABILITY: STABLE

INCOMPATIBILITY - MATERIALS TO AVOID:

N/A

HAZARDOUS POLYMERIZATION: MAY NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:

CO, CO2 and smoke particles when subjected to excessive heat or flame.

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5. ENVIRONMENTAL INFORMATION

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SPILL RESPONSE:

Observe precautions in all sections. Extinguish all ignition sources. Collect spilled material, cleanup residue and store in closed metal container (U.S. Dept. of Transportation approved if waste will be shipped).

RECOMMENDED DISPOSAL:

Commercial incineration with destruction and removal efficiency greater than 99.99% or reclamation is preferred. Otherwise, dispose in accordance with applicable regulations.

U.S. EPA Hazardous Waste Number: D001 (Ignitable).

ENVIRONMENTAL DATA:

VOC: 475 grams/liter maximum Volatile Organic Compound.

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6. SUGGESTED FIRST AID

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EYE CONTACT:

Flush eyes with water for at least 10 minutes and call a physician.

SKIN CONTACT:

Wash with soap and water.

INHALATION:

Provide fresh air.

IF SWALLOWED:

Do not induce vomiting; immediately call a physician.

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7. PRECAUTIONARY INFORMATION

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Use only in areas adequately ventilated to remove vapors. Avoid eye contact. Avoid prolonged skin contact. Keep out of reach of children.

NOTE: Utilize personal protection equipment when handling this product, i.e. impervious gloves and chemical goggles or safety glasses, whichever is most appropriate in the work situation.

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8. HEALTH HAZARD DATA

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EYE CONTACT: Vapor and liquid may cause irritation. Symptoms of overexposure include tearing, burning sensation and blurred vision.

SKIN CONTACT: Prolonged or repeated skin contact may defat skin leading to irritation and possible dermatitis.

INHALATION: Overexposure to toluene vapors may cause respiratory irritation. Chronic overexposure could lead to nervous system impairment kidney and liver damage and blood changes. Symptoms of overexposure include dizziness, giddiness, weakness and fatigue. Gross overexposure such as would occur if concentrated vapors were inhaled could result in lung damage, brain deterioration and death from heart attack.

INGESTION: Swallowing could cause digestive system irritation, nausea and vomiting. Aspiration into the lung as a result of vomiting may cause lung damage.

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The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.

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***** THIS PACKET CONTAINS MSDS TEXTS FOR THE *****
***** FOLLOWING PURCHASE ORDERS: *****
***** 7BC838018-9 *****
